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2. **desmos**
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- $y = x - 1 \{ 1 < x < 2 \}$
-
3. $y = -x + 3 \{ 2 < x < 3 \}$
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4. $y = x - 3 \{ 3 < x < 4 \}$
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5. $y = -x + 5 \{ 4 < x < 5 \}$
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6. $(2.5, 6.5)$
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7. $(3.5, 6.5)$
-
- 8.